

GENERAL NOTES

1. TREES OUTSIDE THE DESIGNATED LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
2. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE ANY SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AN AUTHORIZED SURVEYOR OR AGENT, HAS WHITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION, AND THEIR TRUE LOCATION IS NOT GUARANTEED TO BE SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND CARRY OUT HIS OR HER OPERATIONS ACCORDINGLY.
4. THE FOLLOWING UTILITIES HAVE FACILITIES WITHIN THE LIMITS OF CONSTRUCTION:
- ILLINOIS POWER COMPANY
VERIZON

AERIAL ELECTRIC
TELEPHONE (BURIED)
- ADJUSTMENTS OF THE UTILITY LOCATIONS SHALL BE MADE BY THE OWNER, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL PROVIDE ADEQUATE CROSS TIES FOR ALL HORIZONTAL CONTROL POINTS AND BENCHMARK ELEVATIONS FOR VERTICAL CONTROL, AT THE COMPLETION OF THE PROJECT. ALL THIS INFORMATION SHALL BE SUPPLIED IN A BOUND SURVEY BOOK AND IS CONSIDERED AS PART OF CONTRACTOR STAKING.
6. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION, AS INDICATED BY THE SUB-NUMBER LISTED IN THE INDEX OF SHEETS, OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
7. ALL DETAILS IN THESE PLANS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND SHALL GOVERN.
8. THE EXISTING ROAD SIGNS THAT GOVERN THE CONSTRUCTION SHALL BE REMOVED AND RELOCATED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS PART OF THE CONTRACT AND NO COMPENSATION WILL BE ALLOWED.

9. ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.
10. IN THE EVENT THAT THE DEPARTMENT HAS A CONTRACT FOR WORK ADJOINING THIS PROJECT THE CONTRACTORS ARE TO COOPERATE IN ACCORDANCE WITH SECTION 105.08 OF THE STANDARD SPECIFICATIONS.
11. TEMPORARY SEEDING AND TEMPORARY MULCH, PAID FOR AS SEEDING, CLASS 7 (HECTARES) AND MULCH METHOD 1 (HECTARES) RESPECTIVELY, SHALL BE PLACED ON THE FINAL GRADED EARTH SLOPES, IF PERMANENT SEEDING CANNOT BE PLACED WITHIN 14 DAYS OF COMPLETION OF THE EARTH WORK; OR ON DISTRIBUTED EARTH SLOPES, IF CONSTRUCTION ACTIVITIES WILL BE SHUT DOWN MORE THAN 30 DAYS.
12. ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS
- THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER IN REGARD TO THE EXACT LENGTH OF THE BOX/PIPE CULVERTS, STORM SEWERS, AND/OR PIPE DRAINS REQUIRED PRIOR TO ORDERING THESE ITEMS.
13. GEOTECHNICAL REPORT
- A GEOTECHNICAL REPORT IS AVAILABLE FOR REVIEW PRIOR TO BID AT 2713 STEVENSON DRIVE, SPRINGFIELD. CONTACT THE DISTRICT GEOTECHNICAL ENGINEER AT 217-782-6709.

JOB SPECIFIC NOTES

1. THE AREAS FOR THE PAY ITEM, TREE REMOVAL (HECTARES), WERE CALCULATED FROM STATION TO STATION ALONG THE CENTERLINE OF IL 78. AREAS ARE EITHER RIGHT OR LEFT FROM THE CENTERLINE TO THE PROPOSED RIGHT-OF-WAY LINE. IN THESE AREAS, THE CONTRACTOR SHALL SAVE ANY TREES POSSIBLE AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL REMOVE ANY EXISTING FENCES LOCATED INSIDE THE PROPOSED RIGHT-OF-WAY THAT PREVENT HIM FROM PERFORMING HIS WORK. THE COST TO PERFORM THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE PAY ITEM OF EARTH EXCAVATION.
3. THE CONTRACTOR SHALL REMOVE ANY UNSUITABLE MATERIAL FROM EXISTING DITCHES, AS DIRECTED BY THE ENGINEER, WHEN THE PROPOSED EMBANKMENT WIDENING WILL BE LOCATED OVER THESE DITCHES. THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
4. FOR CROSSROAD CULVERT EXTENSION INFORMATION, SEE THE PLAN AND PROFILE SHEETS, THE CULVERT CROSS-SECTIONS, THE CROSSROAD CULVERT SCHEDULE, CONCRETE COLLAR AND CULVERT EXTENSION SCHEDULE AND THE CONCRETE COLLAR AND CULVERT EXTENSION DETAILS SHEET.
5. THE GRADATION OF THE STONE FOR THE PAY ITEMS STONE DUMPED RIPRAP AND STONE DUMPED RIPRAP WITH CONCRETE SLURRY SHALL BE CLASS A4 UNLESS NOTED OTHERWISE IN THE PLANS.

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	(*)	MORGAN	200	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
(*) 147(RS-5, B-1, B-2)			92656	

RATES OF APPLICATION TABLE

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES.

- BITUMINOUS MATERIALS (PRIME COAT)	- 0.00009 M TON/SQ M (FOG COAT)
- BITUMINOUS MATERIALS (PRIME COAT)	- 0.00046 M TON/SQ M (ON COLD-MILLED PAVEMENT)
- BITUMINOUS MATERIALS (PRIME COAT)	- 0.00154 M TON/SQ M (ON AGGREGATE)
- GRANULAR MATERIALS	- 2.43 M TON/CU M
- AGGREGATE (PRIME COAT)	- 0.0022 M TON/ SQ M
- BITUMINOUS CONC. BINDER COURSE,LEVELING BINDER (MM) & SHOULDERS	- 0.00244 M TON/SQ M/MM
- BITUMINOUS CONC. SURFACE COURSE MIX. C	- 0.00244 M TON/SQ M/MM
- 1 LITER (BITUMINOUS)	- 0.0009/M TON
- NITROGEN FERTILIZER NUTRIENT	- 100 KG/HA (SEEDING) 0.010 KG/SQ M (SODDING)
- PHOSPHORUS FERTILIZER NUTRIENT	- 100 KG/HA (SEEDING) 0.006 KG/SQ M (SODDING)
- POTASSIUM FERTILIZER NUTRIENT	- 100 KG/HA (SEEDING) 0.004 KG/SQ M (SODDING)
- AGRICULTURAL GROUND LIMESTONE	- 4.5 M TON/HA
- 1 M TON	- 1000 KG
- RIPRAP, ROCK FILL	- 2.07 M TON/CU M
- LIME MODIFICATION TREATMENT RATE	- 4% (23 KG BYPRODUCT LIME PER SQUARE METER)
- WATER	- 0.0315 UNIT/SQ M (1 UNIT = 1000 LITERS)

EXAMINED	<u>July 24</u>	20 <u>03</u>
<u>H. R. Fung</u> PROGRAM IMPLEMENTATION ENGINEER		
EXAMINED	<u>November 3</u>	20 <u>03</u>
<u>William F. Mott</u> PROGRAM DEVELOPMENT ENGINEER		
DISTRICT SIX		
EXAMINED	<u>Aug 11</u>	20 <u>03</u>
<u>James A. Wilson</u> OPERATIONS ENGINEER		

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

LOCATION	FULL DEPTH ASPHALT (SUPERPAVE)			MAINLINE BITUMINOUS OVERLAY			
	PROJECT LIMITS	PROJECT LIMITS	PROJECT LIMITS	PROJECT LIMITS	PROJECT LIMITS	PROJECT LIMITS	PROJECT LIMITS
MIXTURE USE(S)	LOWER LIFT BINDER	TOP LIFT BINDER	FULL DEPTH SURFACE	BIT. CONC. SURF. CSE. INCIDENTAL BIT. SURF. SUPERPAVE N50	LEVELING BINDER (MACHINE METHOD) SUPERPAVE N50	BIT. BASE CSE. AND BASE CSE. WIDENING	INCIDENTAL BIT. SURF.
AC/PG	PG 64-22	SBS-PG 64-28	SBS-PG 64-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22
R _{FL} /(MAX)*	20%	0%	0%	15%	20%	15%	15%
DESIGN AIR VOIDS	4.0 • NDES=50	4.0 • NDES=50	4.0 • NDES=50	4.0 • NDES=50	4.0 • NDES=50	2.0 • NDES=50	4.0 • NDES=50
MIXTURE COMPOSITION	IL 19.0	IL 19.0	IL 19.0 OR IL 12.5	IL 9.5 OR IL 12.5	IL 9.5	IL 19.0	IL 9.5 OR 12.5
FRICTION AGGREGATE	N/A	N/A	MIX "C"	MIX "C"	N/A	N/A	MIX "C"

COMMITMENTS

PROPOSED FIELD ENTRANCE AND CULVERT REQUIRED AT RT STA 15+008 AT THE MALLICOAT PROPERTY.

PROPOSED FIELD ENTRANCE AND CULVERT REQUIRED AT RT STA 19+150 AT THE REICHERT PROPERTY TO REPLACE EXISTING ACCESS POINT.

THE FIELD/RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGES TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN, AND TO ALLOW IMPROVEMENTS IN THE DESIGN FOR FUTURE PROJECTS

SWPPP

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: N/A
DATE

DRAWN BY
CHECKED BY